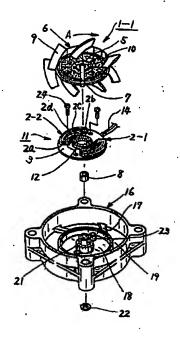
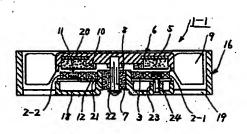
AXIAL GAP TYPE BRUSHLESS AXIAL-FLOW FAN MOTOR	
Patent Number:	JP2000050604
Publication date:	2000-02-18
Inventor(s):	SHIRAKI MANABU .
Applicant(s)::	SHICOH ENG CO LTD
Requested Patent:	
Application Number: JP19980223706 19980723	
Priority Number(s):	
IPC Classification:	H02K29/00 ; H02K7/14 ; H02K21/24
EC Classification:	
Equivalents:	
Abstract	
PROBLEM TO BE SOLVED: To obtain an axial gap type DC axial-flow fan motor which can reduce attractive force in the thrust direction, reduce axial load and reduce vibration, noise and a current value.  SOLUTION: A field magnet 5 which has P (P is an integer of one or larger) pairs of N and spoles is provided in a rotary fan 6, which has an impeller 9 blowing in an axial direction. A magnetically levitating singlepole permanent magnet 10, which is magnetized so as to have its N or S-pole oriented in the stator side direction, is provided on the inner circumference of the field magnet 5. A coreless stator armature 11, composed of (n) ((n) is an integer of one or larger) coreless armature coils 2 which are arranged on an armature coil mounting surface 3 facing the field magnet 5, is provided. Magnetically levitating permanent magnets 12 and 12' are provided on the stator side position where the coreless armature stator 11 is provided to have their polarities identical to the polarity of the magnetically levitating permanent magnet 10 which faces the magnetic levitation permanent magnet 10.	
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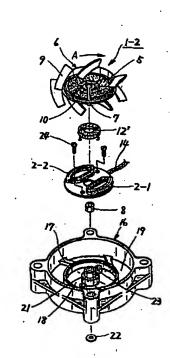
【図1】



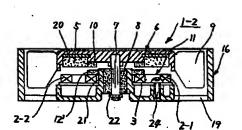




【図3】

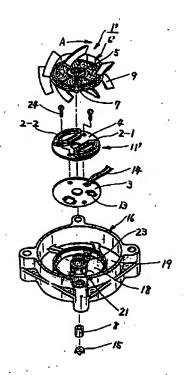


【図4】

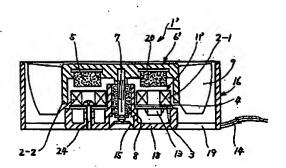


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【図5】



【図6】



## フロントページの続き

Fターム(参考) 5H019 AA04 AA06 AA09 BB01 BB05 BB15 CC02 CC09 DD06 EE07 EE16 FF00 FF01 FF03 GG01 5H607 AA00 AA04 BB01 BB09 BB13 CC01 CC05 CC07 FF04 GG01 GG02 GG09 GG19 HH01 HH09 5H621 BB07 GB03 HH01 JK13 JK14 JK19 PP05

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